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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vijaya Raghavan et al.
Serial No. : 09/855,199
Filed : May 14, 2001
Title : GRAPHICAL FUNCTIONS

Art Unit : Unknown
Examiner : Unknown

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the specification:

On page 1, immediately below the title, insert the following paragraph:

--COPYRIGHT NOTICE

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Replace the paragraph beginning at page 3, line 3 with the following rewritten paragraph:

--Graphical functions allow a user to use a diagram to visually represent a procedure performed by a function in a statechart system. A diagrammatic representation of the function procedure can be easier to understand and modify than a textual representation. In a statechart system which includes built-in state diagram parsing capabilities, the parser may be used to check the diagram for errors. A statechart system's diagram animation and debugging capabilities can be used to step through the graphical function to find errors.--

Replace the paragraph beginning at page 6, line 3 with the following rewritten paragraph:

--Code generation from a statechart typically occurs in three phases: parse, optimization, and synthesis. The following describes an exemplary implementation to handle statecharts containing graphical function definitions. Other implementations are, of course, possible.--